35 EDGE PUNCHED CARD TYPING REPERFORATOR SET

(1A KEYBOARD PUNCH)

INSTALLATION

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1. GENERAL

1.01   This section provides the installation procedures for the 35 Edge Punched Card Typing Reperforator Send-Receive Set (1A KEYBOARD PUNCH — Figure 1). It is reissued to add engineering changes, replace the photographs with photographs of current production units, and to rearrange the text. Since this is a general revision, marginal arrows used to indicate changes and additions are omitted.

1.02   The Typing Reperforator Set is self-contained and consists of a typing reperforator, keyboard, base, and cover (Figure 2). References made to left or right, top or bottom, front or rear, etc, apply to the set as viewed in the normal operating position with the keyboard toward the viewer.

1.03   The installation procedures are for both early design and current design units, except where stated otherwise. Basically, the difference is that current units have a single three-position mode switch (located on the left side of the set) for LOCAL, OFF, and ON LINE operation. Early design units have two separate two-position switches; one for ON LINE and LOCAL operation, and the other to turn the set on and off. Also, current units have four pushbutton switches on the control panel which provide card eject (EJECT), print (PRINT), backspace (B. SP.), and release (REL.). There is a blank position for break (T. BRK. — reserved for future use). Early design units have the first three pushbutton switches with release (REL.) as the blank. Except for these differences, operation of the units are generally the same.

1.04   Refer to Section 574-206-100 for description and principles of operation, 574-206-400 for the set wiring diagrams, 574-206-700 for set adjustments and lubrication, and 574-206-701 for removal and replacement of the set components. Refer to Section 570-005-800 for standard tools.

CAUTION: DO NOT CONNECT TO 115 VOLT AC POWER SOURCE UNTIL INSTALLATION IS COMPLETE AND SET IS READY FOR CHECKOUT.

2. INSTALLATION

SPACE REQUIREMENTS AND WEIGHT

2.01   The overall size of the assembled set and the approximate weight are as follows:

|	
Height	9-3/4 inches
Width	14-1/2 inches
Depth	23-1/4 inches
Weight	54 pounds

UNPACKING

2.02   The Typing Reperforator Set is shipped completely assembled in one package. Observe all caution labels and unpacking instruc-

(Right Front View)

Figure 1 - 35 Edge Punched Card Typing Reperforator Set With Fanfolded Cards

COVER LID

TYPING REPERFORATOR

COVER

KEYBOARD

BASE

(Left Front View)
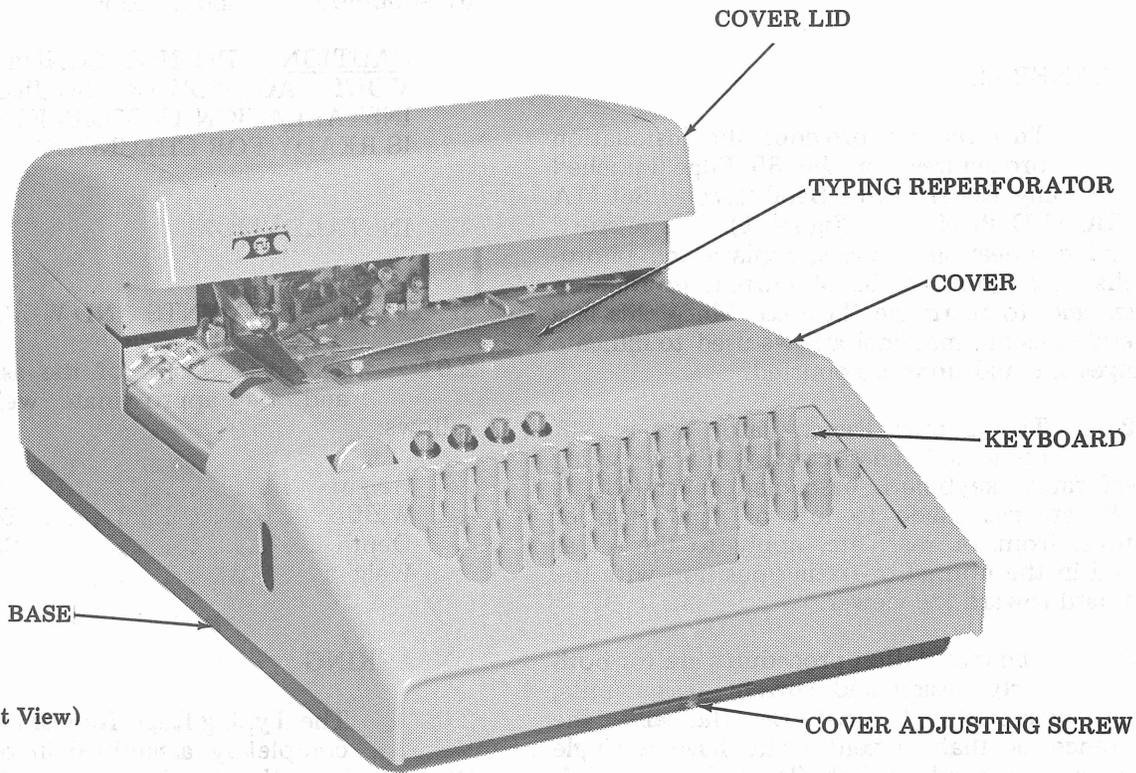
COVER ADJUSTING SCREW

Figure 2 - 35 Edge Punched Card Typing Reperforator Set
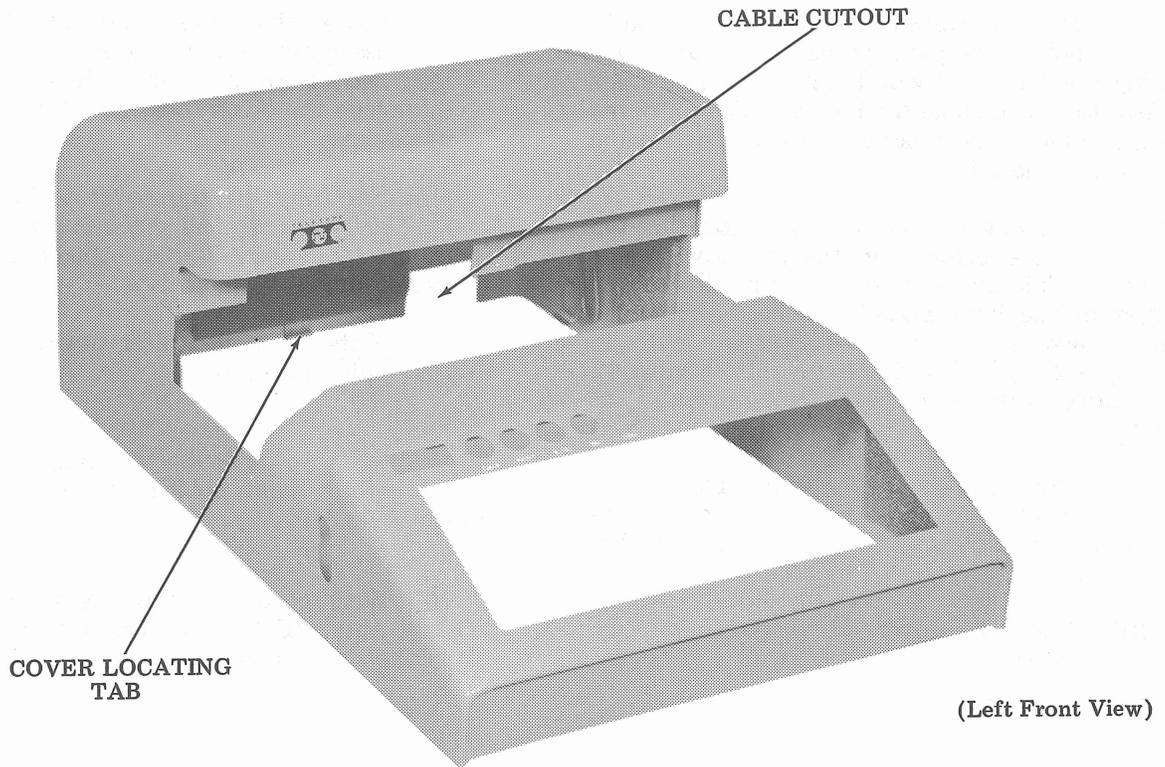
CABLE CUTOUT

COVER LOCATING
TAB

(Left Front View)

Figure 3 - 35 Edge Punched Card Typing Reperforator Set Cover

tions before breaking the seals. Unpack the
equipment in the following sequence:

(a) Open top flaps of carton and remove
corner details between inner and outer
cartons.

(b) Remove inner carton containing the
set, open top flaps, and remove corru-
gated inner liner.

(c) Carefully remove set from carton
(secured to wooden shipping pallet).
Avoid marring the finish or otherwise
damaging the cover.

(d) Remove strips of tape holding the
tissue wrapped cables to top of cover
lid and remove tissue from cables.

(e) Remove strip of tape securing cover lid
to cover and the tape holding wiring
diagram package to top front center of
cover.

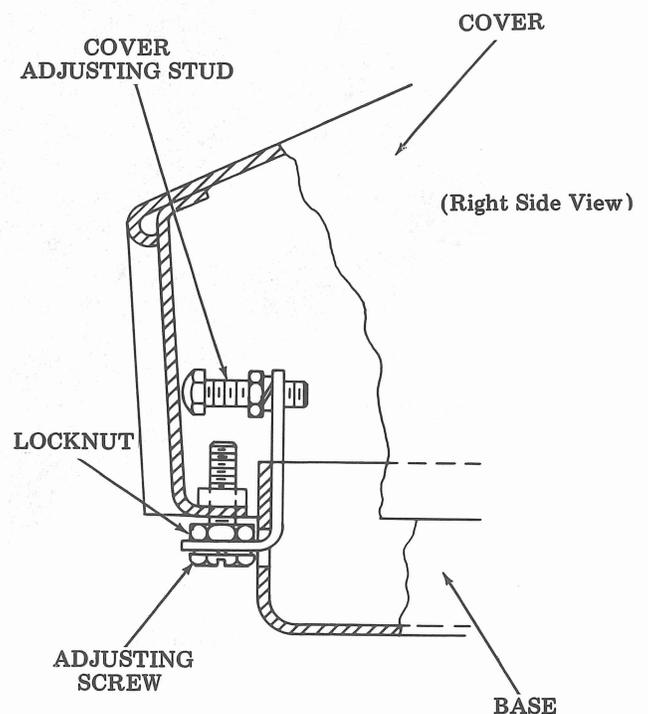(f) Open cover lid and remove tape used to
hold the chad box in position.

COVER
ADJUSTING STUD

COVER

(Right Side View)

LOCKNUT

ADJUSTING
SCREW

BASE

Figure 4 - Cover Adjusting Screw
and Locknut

2.03　　The cover assembly must be removed in order to gain access to four studs securing the set to the wooden pallet. These studs are also used to disable the base vibration mounts during shipment and must be removed for normal operation of the set.

2.04　　The cover assembly has a locating tab in the center, on the rear lower edge (Figure 3). This tab is fitted into a mating slot in the rear of the base assembly. The front of the cover is fastened to the base assembly with an adjusting screw, lockwasher, and nut (Figure 4). To remove the cover assembly, proceed as follows:

(a)　Remove the cover adjusting screw, lockwasher, and nut located at the bottom front center of the cover assembly (Figure 4).

(b)　Raise the cover lid to its fully open position.

(c)　Raise the front end of the cover assembly to clear the keyboard and the feed wheel knob, then slide backward to disengage the cover locating tab from its slot in the base.

(d)　Carefully lift the cover assembly vertically to clear all mechanisms and parts of the set (Figure 5). Place the cover aside to avoid damage to its finish.

Note:　Do not alter position of cover adjusting studs.

2.05　　Remove wooden shipping pallet and studs from bottom of set in the following sequence:

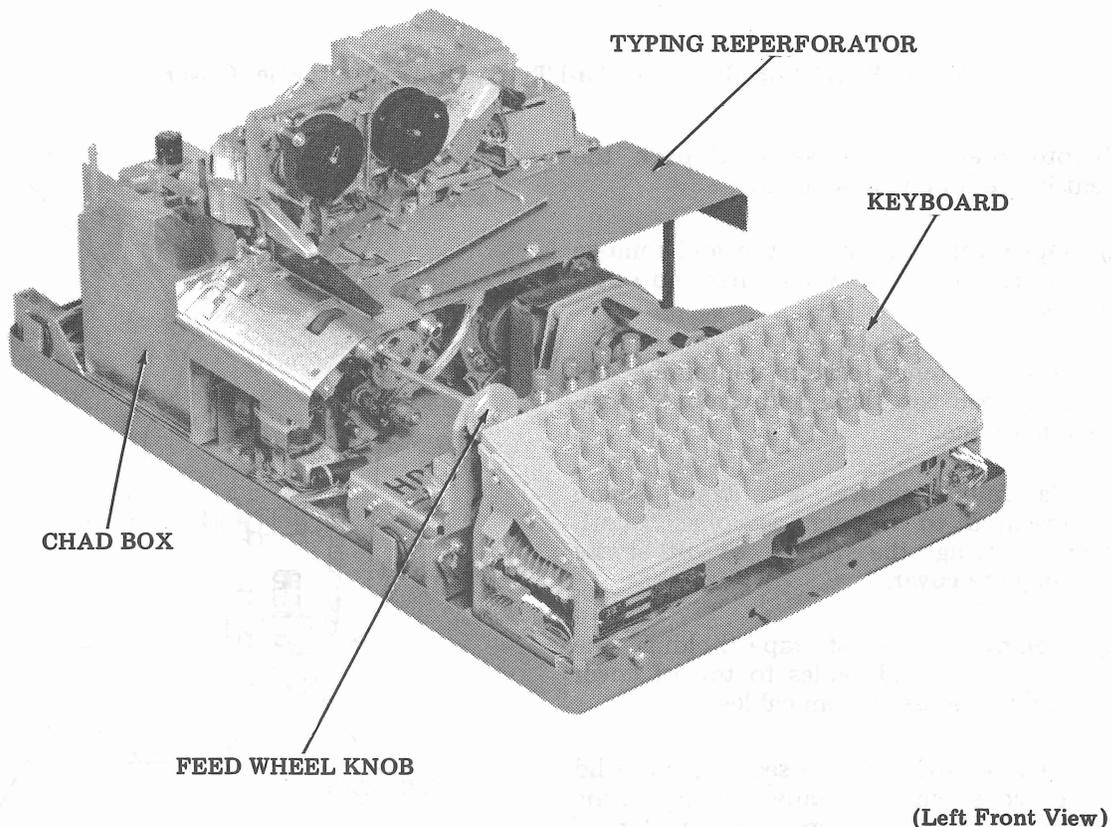(a)　With cover removed, remove the four nuts and lockwashers from upper ends of the studs (Figure 6).

TYPING REPERFORATOR

KEYBOARD

CHAD BOX

FEED WHEEL KNOB

(Left Front View)

Figure 5 - 35 Edge Punched Card Typing Reperforator Set With Cover Removed

SET SUBBASE   UPPER END OF STUDS

SET BASE
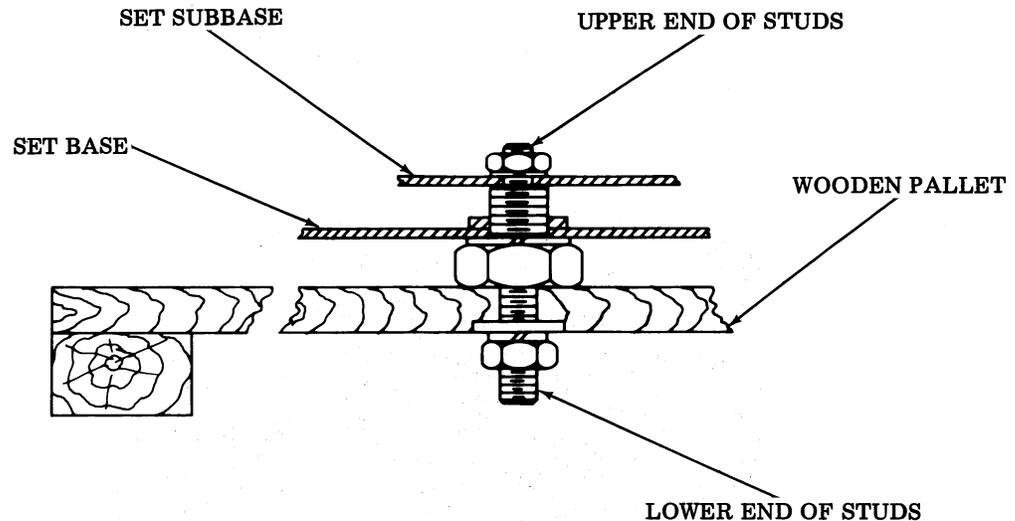
WOODEN PALLET

LOWER END OF STUDS

Figure 6 - Shipping Pallet and Mounting Studs

(b) With pallet raised, remove the four nuts, lockwashers, and flat washers from lower end of studs.

(c) With pallet resting on a flat surface, lift each end of the Typing Reperforator Set, in turn, and unscrew the four studs from bottom of base pan. Lift the set off the pallet and place it on a flat surface. The set will now rest on four rubber bumpers attached to the bottom of the base pan.

MOUNTING

2.06   The Typing Reperforator Set is self-contained and may be mounted on a table (Figure 7), or any flat surface.

UNIVERSAL FUNCTION BLADE

2.07   The universal function blade (Figure 8), supplied with the typing reperforator unit, may be coded for any character or shift condition required. The blade is coded by removing some tines and leaving others.

2.08   In order to code the universal function blade, it must be removed from the unit. To remove, unhook the function blade spring and lift out the universal function blade.

2.09   The numbering of the tines, spacing and marking, correspond to the bits in the code. For example, to code the universal function blade for CONTROL W, which is bits 1-2-3-5 marking, proceed as follows:

(a) Remove spacing tines 1-2-3-5.

(b) Remove marking tines 4-6-7-8.

The unwanted tines may be removed with tine tool TP161686, or a pair of long-nose pliers. When coding is completed, replace the blade in its original position in the punch unit function box and reconnect the function blade spring.

COVER REPLACEMENT

2.10   Replace the cover assembly on the Typing Reperforator Set by reversing the procedure in 2.04 steps (a) through (d). When the cover is in place, and the adjusting screw, lockwasher, and nut are reinstalled, check the cover adjustment, Figure 9. (Cover should self-adjust unless cover adjusting stud is maladjusted.)

ELECTRICAL CONNECTION

2.11   The set power cord (from terminals R1 and R2 on terminal block R) should be connected to a 115 volt, 60 hertz power source.

CAUTION: THE POLARITY OF THE AC POWER LINE MUST BE OBSERVED TO AVOID DESTRUCTION OF THE BRIDGE DIODES SHOULD THE DC BE SHORTED FOR ANY REASON. REFER TO WIRING DIAGRAM 6999WD.
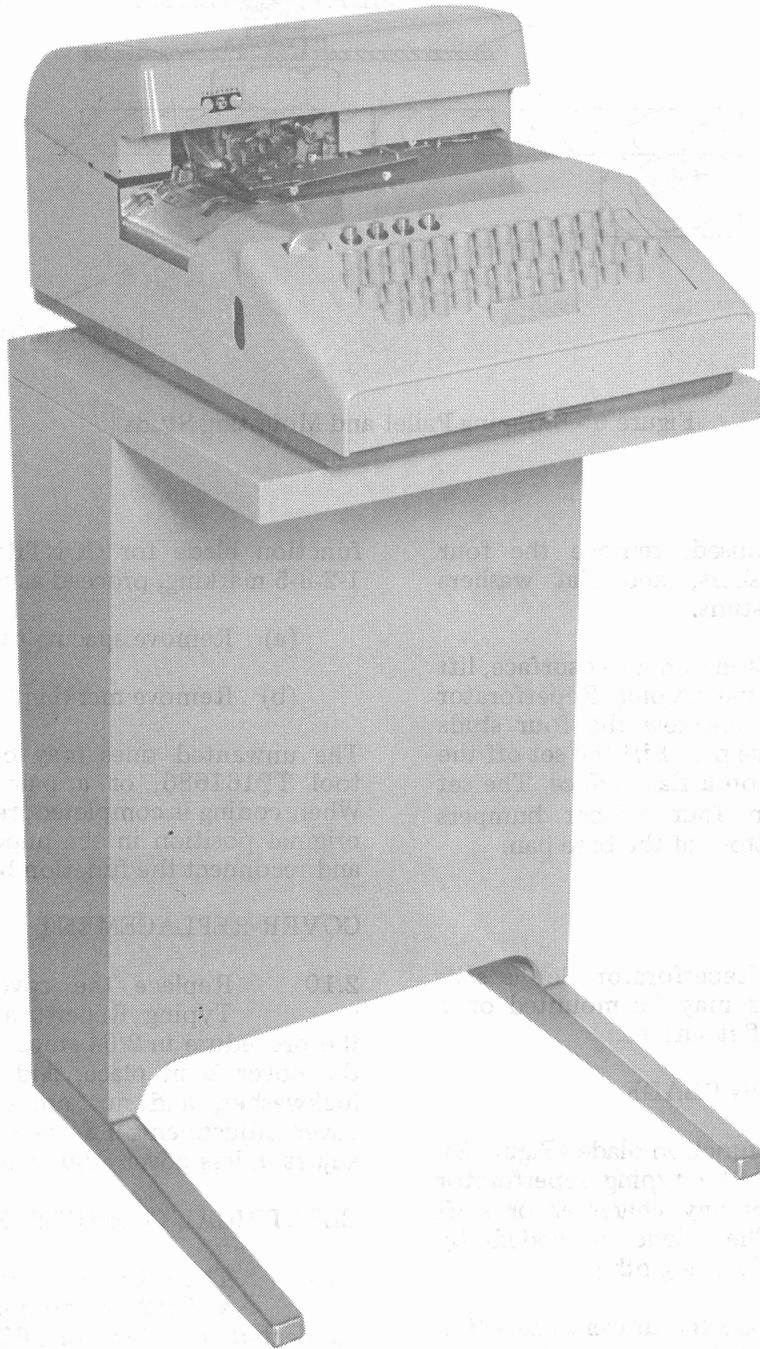
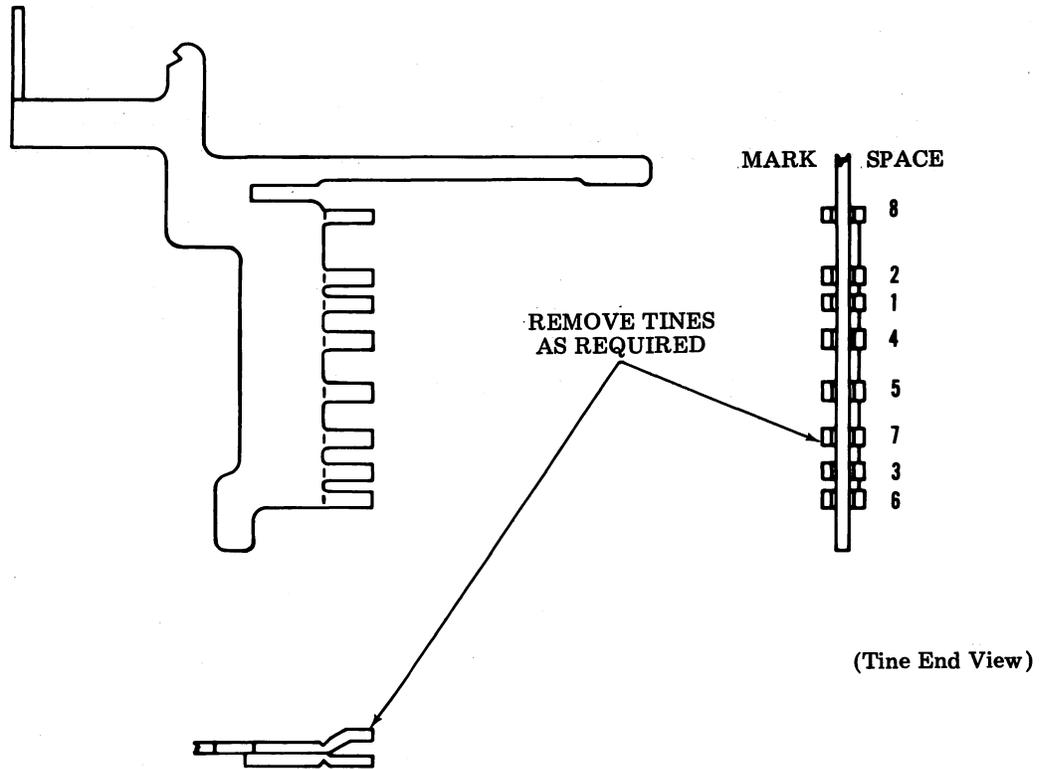Figure 7 - Edge Punched Card Typing Reperforator Set — Typical Installation

MARK   SPACE

8

2
1
4

5

7
3
6

(Tine End View)

Figure 8 - Universal Function Blade TP195141

Requirement
    There should be a gap of
              Min 0.032 inch---Max 0.062 inch
    between the punch unit left and right top plates and the cover.

To Adjust
    Loosen the cover locknut and adjusting screw and position cover in its guide slot
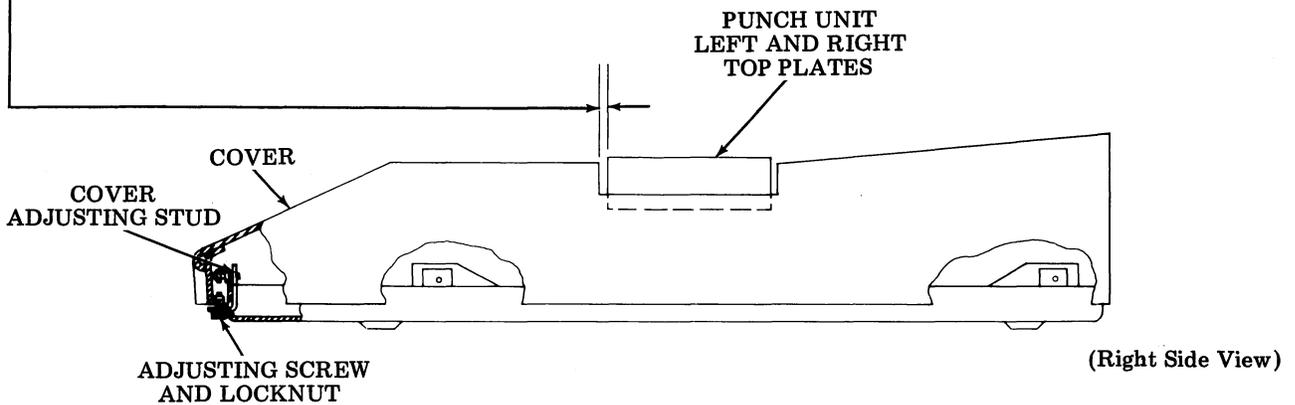   to meet requirement. Tighten adjusting screw and locknut.

PUNCH UNIT
LEFT AND RIGHT
TOP PLATES

COVER

COVER
ADJUSTING STUD

ADJUSTING SCREW
AND LOCKNUT

(Right Side View)

Figure 9 - Cover/Punch Unit Top Plates Adjustment

SIGNAL LINE CONNECTION

2.12   The interface connector from the data set mates with the connector at the right rear of the Typing Reperforator Set, above the set power cord. Secure the mated connectors with the hardware supplied with the connector from the data set.

2.13   The Typing Reperforator Set is now ready for the checkout procedures in Section 574-206-300.